

ROBERT L. EHRLICH, JR.
Governor

MICHAEL S. STEELE
Lieutenant Governor

CECILIA JANUSZKIEWICZ Secretary

Amendment # 3 to Request for Proposals (RFP) Wireless Interoperability Requirements and Proof of Concept Project # 050R6800087 November 23, 2005

Ladies and Gentlemen:

The following Amendment is being issued to amend language and clarify information contained in the above-named RFP. All information contained herein is binding on all Offerors who respond to this RFP. Specific parts of the RFP have been amended. The following changes are listed below; new language has been <u>underlined and marked in bold</u> and language deleted has been marked with a double strikeout (ex. strike out).

1. Refer to RFP Section 2.3.1 under General Requirements:

The Contractor shall comply with all laws, regulations, policies, standards and guidelines affecting wireless communication systems and information technology projects undertaken by the State. It is the responsibility of the Contractor to ensure adherence to this requirement and to remain abreast of and comply with all changes that may affect project execution. These may include, but are not limited to:

Insert 2.3.1 f., as follows:

<u>f. "Public Safety Communications Interoperability in Maryland" Report located at:</u> http://www.gov.state.md.us/homelandsecurity.html;

Amend 2.3.1 f. and 2.3.1 g,:

- £ g. Title 47 Code of Federal Regulations;
- **<u>h.</u>** Federal Communications Commission (FCC) regulations, rules, orders, and directives.

2. Refer to RFP Section 2.5.3.1Task 4: Develop Statewide Wireless Channel Plan.

"The Contractor shall develop the Statewide Wireless Channel Plan that, at a minimum:

See seventh bullet:

• Evaluates the feasibility of using a portion of the 700 MHz Frequency Spectrum on a temporary basis before the anticipated 2006 April 7, 2009 spectrum release; and,

3. Refer to RFP, Section 2.5.3.2. Delete *in its entirety* **Section 2.5.3.2 Task 5: Develop System Detailed Design Document,** and *replace with the following*:

2.5.3.2 Task 5: Develop System Detailed Design Document The Contractor shall develop the System Detailed Design Document that includes, at a minimum:

- System requirements;
- Operating environment;
- System and subsystem architecture to include, at a minimum:
 - Overall System and Individual Tower Site Propagation Studies performed to the following Coverage/Reliability Requirements. At a minimum, the results of the propagation studies are to identify antenna location and height for all existing and/or new recommended tower locations, recommended locations of any new tower sites, and recommend tower height for new sites.
 - Portable Coverage In Building: Statewide 97% reliability inbuilding (15 dB building attenuation) coverage with DAQ 3.4
 (Delivered Audio Quality as defined in TIA/EIA/TSB88-A-4.4.1).
 Coverage prediction shall assume a handheld worn on the belt with a public safety (antenna) speaker microphone.
 - Portable Coverage In Street: Statewide 97% reliability coverage with DAQ 3.4 (delivered Audio Quality as defined in TIA/EIA/TSB88-A-4.4.1). Coverage prediction shall assume a handheld radio worn on the belt with a public safety (antenna) speaker microphone.
 - Mobile Coverage: Statewide 97% reliability with DAQ 3.4
 (Delivered Audio Quality as defined in TIA/EIA/TSB88-A-4.4.1).
 Coverage prediction shall assume 35 Watt mobile transmitter and ¼ wavelength fender mounted antenna.
 - Portable Like Coverage: Local to a vehicle equipped with a mobile repeater, 98% reliability with DAQ 3.4 (Delivered Audio Quality as defined in TIA/EIA/TSB88-A-4.4.1) using a portable radio operating as with a mobile repeater per the FCC section regulating the use of handheld radios and associated mobile radio. This coverage prediction shall include typical results in relationship to a vehicle mobile repeater when the handheld operator is located in-building and in street as defined above.
 - Detailed design for backhaul network (e.g. Interconnection locations, additional tower sites needed for interconnection, microwave dish heights, dish size, bandwidth requirement for microwave, fiber utilization);
 - The Statewide Wireless Channel Plan; and,
 - External interfaces.

The Contractor shall include a requirements matrix showing where and how requirements are to be satisfied; an evaluation of all currently available and soon to be available (6 – 12 months) interoperable wireless communications hardware, software and programmable technologies; and recommendations for which technology would best satisfy the functional requirements.

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4. Refer to: **RFP Attachment A, second page, Number 4.1 Consideration and Payment.** In consideration of the satisfactory performance of the work set forth in this Contract, the Department shall pay the Contractor in accordance with the terms of this Contract and at the rates specified on Exhibit C, Contractor's Financial Proposal in Attachment F, Price Proposal Form for Statewide Wireless Interoperability Requirements and Proof of Concept RFP

NO. 050R6800087. Note that this form in excel format in the RFP, immediately follows the first page of Attachment F – Price Proposal Form Instructions.

If there are questions concerning this solicitation, please contact me via email at: cphelps@dbm.state.md.us or call 410-260-7553 as soon as possible.

Date Issued: November 23, 2005 By <Signed>

Cathryn C. Phelps Procurement Officer